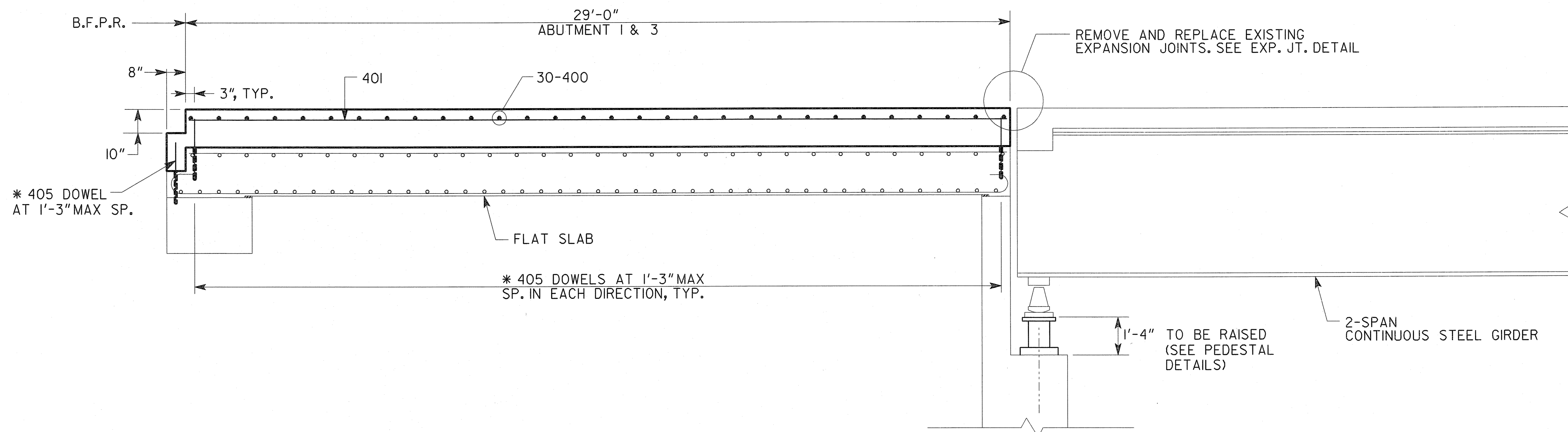


HALF SECTION THRU FLAT SLAB SPAN
LOOKING BACK AT ABUTMENT 1
LOOKING AHEAD AT ABUTMENT 3

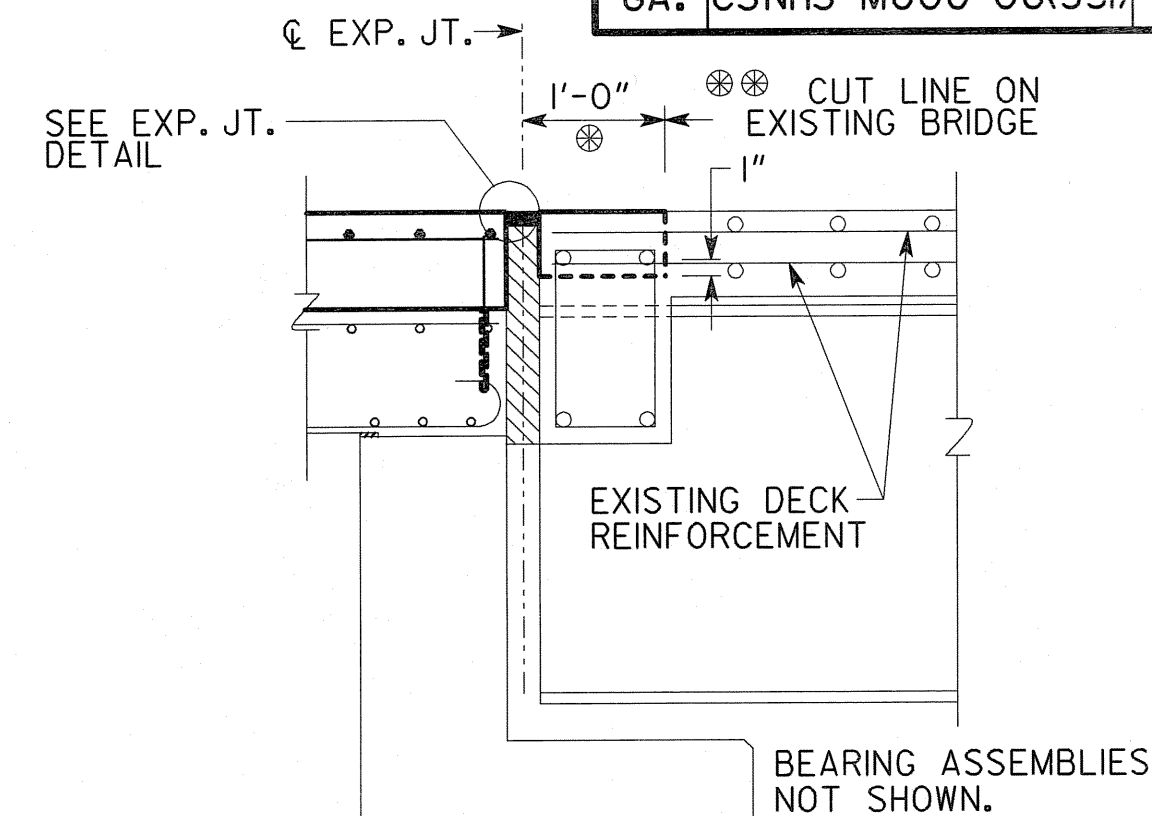


LONGITUDINAL SECTION AFTER JACKING

NOTES:

- BARS IN TOP MAT OF PROPOSED BRIDGE DECK AND IN TRAFFIC SIDE OF PARAPET SHALL BE EPOXY COATED.
- CLEARANCE TO REINFORCEMENT IS 2" UNLESS OTHERWISE NOTED.
- * DRILL & SET 405 DOWELS INTO EXISTING CAP USING HILTI HY 150 EPOXY ADHESIVE ANCHORING SYSTEM OR EQUIVALENT. COST OF ADHESIVE AND INSTALLATION SHALL BE INCLUDED IN THE PRICE BID FOR SUPERSTR. REINF. STEEL.
- REINFORCEMENT STEEL COUPLERS SHALL BE THREADED TYPE "RICHMOND SCREW ANCHOR CO., INC. DOWEL BAR SUBSTITUTION AND SPLICER SYSTEM" OR "ENRICO PRODUCTS, INC. LENTON STANDARD COUPLER" OR EQUAL AS APPROVED BY THE ENGINEER. COST OF REINFORCEMENT STEEL COUPLERS SHALL BE INCLUDED IN THE PRICE BID FOR SUPERSTR. REINF. STEEL.
- ** THE CONTRACTOR SHALL REMOVE FENCE AND HANDRAIL IN FLAT SLAB SPAN PRIOR TO JACKING OPERATION. THE CONTRACTOR SHALL EXTEND BARRIER, RESET FENCE AND HANDRAIL AFTER COMPLETION OF OVERLAY. COST SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED. ANY DAMAGE TO COMPONENTS SHALL BE REPLACED AT NO ADDITIONAL COST.
- DETAILS SYMMETRICAL ABOUT C/BRIDGE.

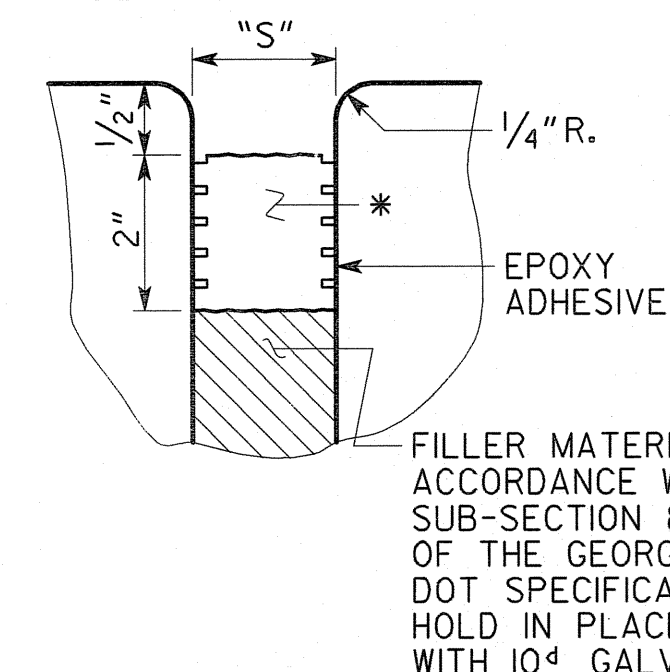
SUPERSTRUCTURE QUANTITIES		
ITEM	ABUT. 1	ABUT. 3
TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC, CY	179	179
LUMP - SUPERSTR. REINF. STEEL, LB	4888	4888
LUMP - EPOXY COATED SUPERSTR. REINF. STEEL, LB	6082	6082



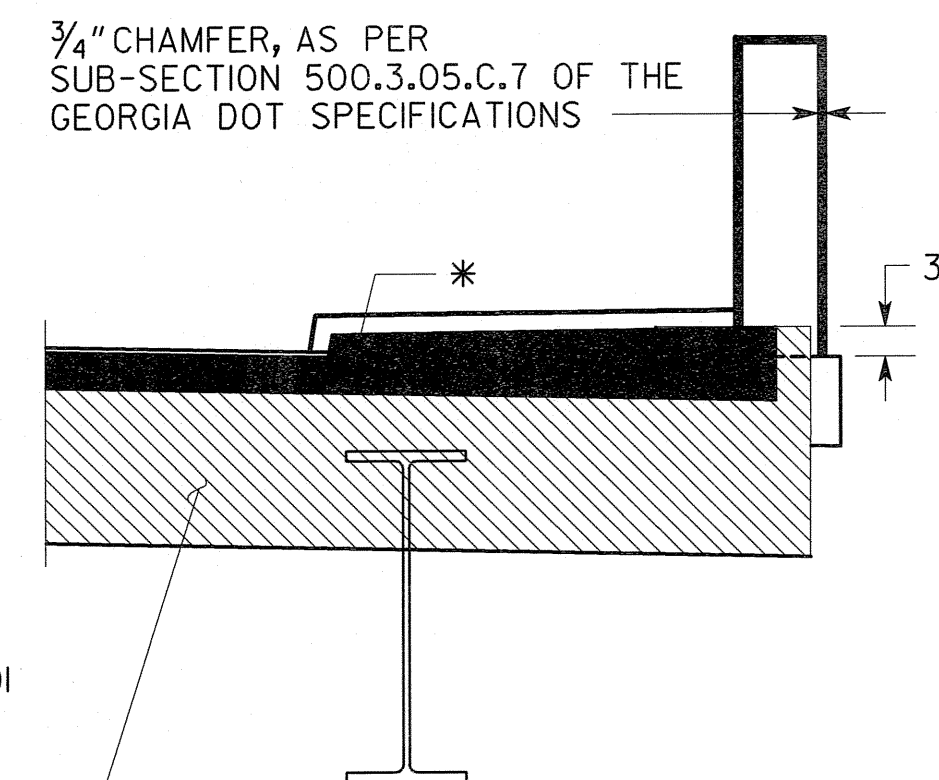
CONCRETE HEADER DETAIL
NO SCALE

- NOTES:
- EXISTING DECK REINFORCEMENT TO REMAIN. REINFORCING STEEL DAMAGED BY CONTRACTOR SHALL BE REPLACED AT NO COST TO THE DEPARTMENT.
 - * PORTION OF DECK TO BE REMOVED. REMOVE DECK TO 1" BELOW TOP MAT OF REINFORCEMENT.
 - ** REQUIRED VERTICAL 1" SAW CUT. CARE SHALL BE EXERCISED SO THAT THE EXISTING REINFORCING STEEL IS NOT DAMAGED.

* SEAL AS PER GEORGIA DOT SPECIFICATIONS SECTION 449.2.D SEAL SHALL BE 2 1/2" (H) BY 2" (S) WIDE PRIOR TO INSTALLATION.



LONGITUDINAL SECTION



TRANSVERSE SECTION

EXPANSION JOINT DETAILS
AT ABUTMENTS 1 & 3
NO SCALE

TEMPERATURE TABLE FOR JOINT WIDTHS

TEMP	30°F	60°F	90°F
"S"	2 3/4"	2"	1 1/4"

"S" JOINT WIDTH SHALL BE BASED ON THE AVERAGE BRIDGE DECK CONCRETE TEMPERATURE.

BRIDGE NO. 1

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066

GEORGIA
DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION - OFFICE OF MAINTENANCE

CONCRETE DECK OVERLAY
DECK SECTION - FLAT SLAB
BRIDGE REHABILITATION ON
SR 139 (RIVERDALE RD) OVER I-285
CLAYTON COUNTY CSNHS-M000-00(33)

SCALE: 3/8" = 1'-0"

FEBRUARY 2008

BRIDGE SHEET
4 OF 9

DESIGNED KAK
DRAWN NYC

CHECKED RLF / FRB
DESIGN GROUP

REVIEWED GBL
APPROVED

J:\4019\4019.331 - CLAYTON\BRIDGE\4019.331.DS.DGN DWG NO 35 - 04